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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/044,643

DATE: 01/30/2002

TIME: 15:14:41

Input Set : A:\Cura-241.app

Output Set: N:\CRF3\01302002\J044643.raw

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3 <110> APPLICANT: Majumder, Kumud  
4 Vernet, Corine  
5 Casman, Stacie J  
6 Wolenc, Adam R  
7 Spaderna, Steven K  
8 Padigar, Muralidhara  
9 Mishnu, Vishun S  
10 Tchernev, Velizar T  
11 Spytek, Kimberly A  
12 Li, Li  
13 Baumgartner, Jason C  
14 Gusev, Vladimir  
16 <120> TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same  
18 <130> FILE REFERENCE: 15966-748  
C--> 20 <140> CURRENT APPLICATION NUMBER: US/10/044,643  
C--> 21 <141> CURRENT FILING DATE: 2002-01-11  
23 <150> PRIOR APPLICATION NUMBER: 60/193,664  
24 <151> PRIOR FILING DATE: 2000-03-31  
26 <150> PRIOR APPLICATION NUMBER: 60/194,614  
27 <151> PRIOR FILING DATE: 2000-04-05  
29 <150> PRIOR APPLICATION NUMBER: 60/195,063  
30 <151> PRIOR FILING DATE: 2000-04-06  
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41 <150> PRIOR APPLICATION NUMBER: 60/195,069  
42 <151> PRIOR FILING DATE: 2000-04-06  
44 <150> PRIOR APPLICATION NUMBER: 60/195,070  
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47 <150> PRIOR APPLICATION NUMBER: 60/195,510  
48 <151> PRIOR FILING DATE: 2000-04-06  
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60 <151> PRIOR FILING DATE: 2000-08-11  
62 <150> PRIOR APPLICATION NUMBER: 60/239,613

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66 <151> PRIOR FILING DATE: 2001-01-18
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75 <151> PRIOR FILING DATE: 2001-01-30
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102 ccaagcagcc aggacactca aaaacacaaa ggccggaaga gatgccaatt tcgaacctcg 960
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120 35 40 45
122 Pro Ser Thr Val Tyr Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu
123 50 55 60
125 Met Ile Cys Leu Pro Phe Arg Thr Asp Tyr Tyr Leu Arg Arg Arg His
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134 Arg Tyr Phe Lys Val Val His Pro His His Ala Val Asn Thr Ile Ser
135                               115                              120                              125
137 Thr Arg Val Ala Ala Gly Ile Val Cys Thr Leu Trp Ala Leu Val Ile
138                               130                              135                              140
140 Leu Gly Thr Val Tyr Leu Leu Leu Glu Asn His Leu Cys Val Gln Glu
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143 Thr Ala Val Ser Cys Glu Ser Phe Ile Met Glu Ser Ala Asn Gly Trp
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146 His Asp Ile Met Phe Gln Leu Glu Phe Phe Met Pro Leu Gly Ile Ile
147                               180                              185                              190
149 Leu Phe Cys Ser Phe Lys Ile Val Trp Ser Leu Arg Arg Arg Gln Gln
150                               195                              200                              205
152 Leu Ala Arg Gln Ala Arg Met Lys Lys Ala Thr Arg Phe Ile Met Val
153                               210                              215                              220
155 Val Ala Ile Val Phe Ile Thr Cys Tyr Leu Pro Ser Val Ser Ala Arg
156 225                               230                              235                              240
158 Leu Tyr Phe Leu Trp Thr Val Pro Ser Ser Ala Cys Asp Pro Ser Val
159                               245                              250                              255
161 His Gly Ala Leu His Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
162                               260                              265                              270
164 Leu Asp Pro Leu Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Lys Phe
165                               275                              280                              285
167 Tyr Asn Lys Leu Lys Ile Cys Ser Leu Lys Pro Lys Gln Pro Gly His
168                               290                              295                              300
170 Ser Lys Thr Gln Arg Pro Glu Glu Met Pro Ile Ser Asn Leu Gly Arg
171 305                               310                              315                              320
173 Arg Ser Cys Ile Ser Val Ala Asn Ser Phe Gln Ser Gln Ser Asp Gly
174                               325                              330                              335
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185 <400> SEQUENCE: 3
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192 acccccacca cgcggtgaac actatctcca cccgggtggc ggctggcacc gtctgcaccc 420
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194 aagagacggc cgtctcctgt gagagcttca tcatggagtc ggccaatggc tggcatgaca 540
195 tcatgttcca gctggagttc ttatgcgcc tcggcatcat cttattttgc tccttcaaga 600

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Input Set : A:\Cura-241.app

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198 ctagactcta tttcctctgg acggtgccct cgagtgcctg cgatccctct gtccatgggg 780
199 ccctgcacat aaccctcagc ttcacctaca tgaacagcat gctggatccc ctggtgtatt 840
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214 tgctcattgt ggcttttggt ctgggcgcac tagacaatgg ggtcgccctg tgtggtttct 180
215 gcttccacat gaagacctgg aagcccagca ctgtttacct tttcaatttg gccgtggctg 240
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235 <212> TYPE: PRT
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238 <400> SEQUENCE: 5
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245 Asn Gly Val Ala Leu Cys Gly Phe Cys Phe His Met Lys Thr Trp Lys
246 35 40 45
248 Pro Ser Thr Val Tyr Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu
249 50 55 60
251 Met Ile Cys Leu Pro Phe Arg Thr Asp Tyr Tyr Leu Arg Arg Arg His
252 65 70 75 80
254 Trp Ala Phe Gly Asp Ile Pro Cys Arg Val Gly Leu Phe Thr Leu Ala
255 85 90 95

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257 Met Asn Arg Ala Gly Ser Ile Val Phe Leu Thr Val Val Ala Ala Gly
258           100           105           110
260 Arg Tyr Phe Lys Val Val His Pro His His Ala Val Asn Thr Ile Ser
261           115           120           125
263 Thr Arg Val Ala Ala Gly Ile Val Cys Thr Leu Trp Ala Leu Val Ile
264           130           135           140
266 Leu Gly Thr Val Tyr Leu Leu Glu Asn His Leu Cys Val Gln Glu
267 145           150           155           160
269 Thr Ala Val Ser Cys Glu Ser Phe Ile Met Glu Ser Ala Asn Gly Trp
270           165           170           175
272 His Asp Ile Met Phe Gln Leu Glu Phe Phe Met Pro Leu Gly Ile Ile
273           180           185           190
275 Leu Phe Cys Ser Phe Lys Ile Val Trp Ser Leu Arg Arg Arg Gln Gln
276           195           200           205
278 Leu Ala Arg Gln Ala Arg Met Lys Lys Ala Thr Arg Phe Ile Met Val
279           210           215           220
281 Val Ala Ile Val Phe Ile Thr Cys Tyr Leu Pro Ser Val Ser Ala Arg
282 225           230           235           240
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285           245           250           255
287 His Gly Ala Leu His Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
288           260           265           270
290 Leu Asp Pro Leu Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Lys Phe
291           275           280           285
293 Tyr Asn Lys Leu Lys Ile Cys Ser Leu Lys Pro Lys Gln Pro Gly His
294           290           295           300
296 Ser Lys Thr Gln Arg Pro Glu Glu Met Pro Ile Ser Asn Leu Gly Arg
297 305           310           315           320
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→ Use of n and/or Xaa has been detected in the Sequence Listing.  
 In the raw sequence listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/044,643

DATE: 01/30/2002

TIME: 15:14:42

Input Set : A:\Cura-241.app

Output Set: N:\CRF3\01302002\J044643.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application Number

L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:2854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

L:3541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63